

# Indoor positioning system

Accurate ranging system based on Frequency Modulated Continuous Wave (FMCW)

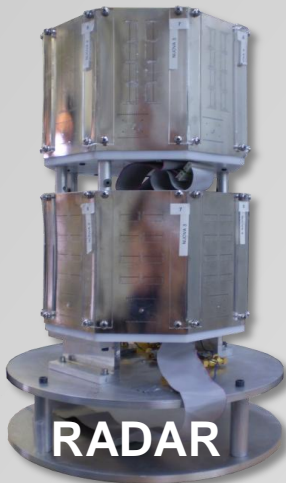
Radar with electronic scanning capability.

Frequency (ISM)	5.7 ÷ 5.9 GHz
EIRP	14dBm
Measurement range	30m
<u>Indoor</u> relative accuracy*	2.5cm
<u>Indoor</u> absolute accuracy	10cm
Radar power consumption	5V – 3A
TAG power consumption	3V – 1mA

In collaboration with:



\*Evaluated as standard deviation on multiple measurements in fixed position.



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